

CLAIMS

What is claimed is:

- 1 1. A method for collecting information, comprising:
 - 2 a) displaying information based on at least a portion of a plurality of record element
 - 3 constructors of a template to a user;
 - 4 b) receiving input for the record element constructors from the user in response to
 - 5 the displayed information;
 - 6 c) determining whether the received input is valid for the record element
 - 7 constructors;
 - 8 d) generating record elements based on the record element constructors and the
 - 9 received input; and
 - 10 e) storing the record elements in a database.
- 1 2. The method of claim 1, wherein the template is in an extensible markup language
- 2 (XML) format.
- 1 3. The method of claim 1, wherein one or more extensible style sheet language
- 2 (XSL) style sheets are utilized during execution of elements a, c and d.
- 1 4. The method of claim 1, wherein template is divided into a plurality of sections
- 2 each having a plurality of record element constructors, and wherein elements a, b,
- 3 c and d are repeated for each section of the template.
- 1 5. The method of claim 1, wherein an extensible style sheet language (XSL) style
- 2 sheet is applied to at least a portion of the record element constructors to generate
- 3 the information displayed to the user.

1 6. The method of claim 1, wherein the record elements are utilized in providing
2 health care to the user.

1 7. The method of claim 1, wherein an alert is displayed to the user if at least a
2 portion of the input is determined to be invalid for the record element
3 constructors.

1 8. The method of claim 7, wherein the user is required to provide additional input
2 unit for the portion of the input determined to be invalid.

1 9. The method of claim 1, wherein the information is displayed to the user in an
2 hypertext markup language (HTML) format.

1 10. The method of claim 1, wherein the information is displayed to the user utilizing a
2 network.

1 11. The method of claim 1, wherein the stored record elements are retrieved by and
2 displayed to at least one of the user and a third party.

1 12. The method of claim 1, further comprising receiving a request for a service
2 associated with the user, retrieving stored record elements from the database
3 associated with the user, and issuing an order based on the request and the
4 retrieved record elements.

1 13. A system for collecting information, comprising:
2 a) logic for displaying information based on at least a portion of a plurality of record
3 element constructors of a template to a user;
4 b) logic for receiving input for the record element constructors from the user in
5 response to the displayed information;
6 c) logic for determining whether the received input is valid for the record element
7 constructors;

8 d) logic for generating record elements based on the record element constructors and
9 the received input; and
10 e) logic for storing the record elements in a database.

1 14. The system of claim 13, wherein the template is in an extensible markup language
2 (XML) format.

1 15. The system of claim 13, wherein an alert is displayed to the user if at least a
2 portion of the input is determined to be invalid for the record element
3 constructors.

1 16. The system of claim 13, wherein the information is displayed to the user utilizing
2 a network.

1 17. A computer program product for collecting information, comprising:
2 a) computer code for displaying information based on at least a portion of a plurality
3 of record element constructors of a template to a user;
4 b) computer code for receiving input for the record element constructors from the
5 user in response to the displayed information;
6 c) computer code for determining whether the received input is valid for the record
7 element constructors;
8 d) computer code for generating record elements based on the record element
9 constructors and the received input; and
10 e) computer code for storing the record elements in a database.

1 18. The computer program product of claim 17, wherein the template is in an
2 extensible markup language (XML) format.

1 19. The computer program product of claim 17, wherein an alert is displayed to the
2 user if at least a portion of the input is determined to be invalid for the record
3 element constructors.

1 20. The computer program product of claim 17, wherein the information is displayed
2 to the user utilizing a network.

1 21. A method for utilizing a worksheet template to collect information, the worksheet
2 template having an extensible markup language (XML) format and comprising
3 one or more sections, and each section comprising a set of record element
4 constructors, the method comprising:

5 applying a set of style sheets in sequence to each section of the worksheet
6 template to: generate a display based on the set of record element constructors of
7 the particular section of the worksheet template; display the generated display to a
8 user; receive input from the user based on the display; determine whether the
9 received input is valid for all of the record element constructors of the particular
10 section; and generate record elements based on the record element constructors of
11 the section and the received input; and

12 storing the generated record elements of all of the sections of the
13 worksheet template in a database as a transaction.